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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/257,585DATE: 10/05/1999
TIME: 15:53:30

Input Set: I257585.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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1  <110> APPLICANT: Sally A. Leong
2      Mark L. Farman
3  <120> TITLE OF INVENTION: Cultivar Specificity Gene from the Rice
4      Pathogen Magnaporthe grisea, and Methods of Use
5  <130> FILE REFERENCE: WARF P98067WO
6  <140> CURRENT APPLICATION NUMBER: US/09/257,585
7  <141> CURRENT FILING DATE: 1999-02-25
8  <150> EARLIER APPLICATION NUMBER: US 60/075,925
9  <151> EARLIER FILING DATE: 1998-02-25
10 <160> NUMBER OF SEQ ID NOS: 14
11 <170> SOFTWARE: FastSEQ for Windows Version 3.0
12 <210> SEQ ID NO 1
13 <211> LENGTH: 1047
14 <212> TYPE: DNA
15 <213> ORGANISM: Magnaporthe grisea
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17      gatctgtaaa ttacatatat ttattttgcc gcattttgct aaccgcctat tctttttaaa      60
18      attttaacga ttaagaacgc aattcaattt tgcgttctac acaaattaac aattcgtcca      120
19      aaagaggtat ttaagcgaag atttggcatt tttttaatcc atttttaaaa aaatacatct      180
20      gctttaaccc acctttgccca agggtagccg gctagcatag ccttggttac caaaaacggc      240
21      taaagctgtc gatctatact acattcggcg ctctgaacaa ctaagcaaca gcgaggagat      300
22      cacaccctaa atcatgctgc tagtaatgcg atataatggc caaacaacgt actagaaatg      360
23      actaataagt acccagtcaa gtcaacttgc tgtagtatta tatttaacga agcgtccatt      420
24      tactgccagg gcaagtttat caatgggacc agtggttctcc ctccctctgga caactcagtt      480
25      ctttgcaaac gctagacagt ctacctctct gccaccattt ttacttttca aaaattttact      540
26      ccttgccgct actgaaactt ctacaattga aagagcccac aatgaaagtc caagctacat      600
27      tcgccaccct tatcgccctt gcggttact ttccagcagc caatgcttgg aaagattgca      660
28      tcatccaacg ttataaagac ggcgatgtca acaacatata tactgccaat aggaacgaag      720
29      agataactat tgaggaatat aaagtcttcg ttaatgaggc ctgccatccc taccagtta      780
30      tacttcccga cagatcggtc ctttctggcg attttacatc agcttacgct gacgacgatg      840
31      agtcttggtg atcaataaga gtccagggtg aaaaattcgc caccatggta atagagggtt      900
32      atttatctcg gaatagcagc cgtgtgtgca attatcacgg ctgttctctc gcgataggga      960
33      tattagaagc aggacaaatt tacggcaata gcaaccaatt gtccttgtct atggattcgc      1020
34      ccgtcgaatg gaggcgacgg cggatcc      1047
35 <210> SEQ ID NO 2
36 <211> LENGTH: 45
37 <212> TYPE: PRT
38 <213> ORGANISM: Magnaporthe grisea
39 <400> SEQUENCE: 2
40      Met Thr Asn Lys Tyr Pro Val Lys Ser Thr Cys Cys Ser Ile Ile Phe
41      1          5          10          15
42      Asn Gly Ala Ser Ile Tyr Cys Gln Gly Lys Phe Ile Asp Gly Thr Ser
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45          35          40          45
46 <210> SEQ ID NO 3
47 <211> LENGTH: 77
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49 <213> ORGANISM: Magnaporthe grisea
50 <400> SEQUENCE: 3
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52 1 5 10 15
53 Ala Arg Gln Ser Thr Ser Leu Pro Pro Phe Leu Leu Phe Lys Asn Leu
54 20 25 30
55 Leu Leu Ala Ala Thr Glu Thr Ser Thr Ile Glu Arg Ala His Asn Glu
56 35 40 45
57 Ser Pro Ser Tyr Ile Arg His Pro Tyr Arg Pro Cys Gly Leu Leu Ser
58 50 55 60
59 Ser Ser Gln Cys Leu Glu Arg Leu His His Pro Thr Leu
60 65 70 75
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62 <211> LENGTH: 89
63 <212> TYPE: PRT
64 <213> ORGANISM: Magnaporthe grisea
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67 1 5 10 15
68 Phe Pro Ala Ala Asn Ala Trp Lys Asp Cys Ile Ile Gln Arg Tyr Lys
69 20 25 30
70 Asp Gly Asp Val Asn Asn Ile Tyr Thr Ala Asn Arg Asn Glu Glu Ile
71 35 40 45
72 Thr Ile Glu Glu Tyr Lys Val Phe Val Asn Glu Ala Cys His Pro Tyr
73 50 55 60
74 Pro Val Ile Leu Pro Asp Arg Ser Val Leu Ser Gly Asp Phe Thr Ser
75 65 70 75 80
76 Ala Tyr Ala Asp Asp Asp Glu Ser Cys
77 85
78 <210> SEQ ID NO 5
79 <211> LENGTH: 68
80 <212> TYPE: PRT
81 <213> ORGANISM: Magnaporthe grisea
82 <400> SEQUENCE: 5
83 Met Ala Gly Leu Ile Asn Glu Asp Phe Ile Phe Leu Asn Ser Tyr Leu
84 1 5 10 15
85 Phe Val Pro Ile Gly Ser Ile Tyr Val Val Asp Ile Ala Val Phe Ile
86 20 25 30
87 Thr Leu Asp Asp Ala Ile Phe Pro Ser Ile Gly Cys Trp Lys Val Ser
88 35 40 45
89 Arg Lys Gly Asp Lys Gly Gly Glu Cys Ser Leu Asp Phe His Cys Gly
90 50 55 60
91 Leu Phe Gln Leu

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95 <212> TYPE: PRT
96 <213> ORGANISM: Magnaporthe grisea
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100 Tyr Leu Leu Val Ile Ser Ser Thr Leu Phe Gly His Tyr Ile Ala Leu
101      20          25          30
102 Leu Ala Ala
103      35
104 <210> SEQ ID NO 7
105 <211> LENGTH: 34
106 <212> TYPE: PRT
107 <213> ORGANISM: Magnaporthe grisea
108 <400> SEQUENCE: 7
109 Met Arg Pro Ala Ile Pro Thr Gln Leu Tyr Phe Pro Thr Asp Arg Ser
110      1          5          10          15
111 Phe Leu Ala Ile Leu His Gln Leu Thr Leu Thr Thr Met Ser Leu Val
112      20          25          30
113 Asp Gln
114 <210> SEQ ID NO 8
115 <211> LENGTH: 54
116 <212> TYPE: PRT
117 <213> ORGANISM: Magnaporthe grisea
118 <400> SEQUENCE: 8
119 Met Val Ile Glu Gly Tyr Leu Ser Arg Asn Ser Ser Arg Val Cys Asn
120      1          5          10          15
121 Tyr His Gly Cys Ser Ser Ala Ile Gly Ile Leu Glu Ala Gly Gln Ile
122      20          25          30
123 Tyr Gly Asn Ser Asn Gln Leu Ser Leu Ser Met Asp Ser Pro Val Glu
124      35          40          45
125 Trp Arg Arg Arg Arg Ile
126      50
127 <210> SEQ ID NO 9
128 <211> LENGTH: 23
129 <212> TYPE: DNA
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131 <400> SEQUENCE: 9
132 ctagacagtc tacctctctg cca
133 <210> SEQ ID NO 10
134 <211> LENGTH: 21
135 <212> TYPE: DNA
136 <213> ORGANISM: Magnaporthe grisea
137 <400> SEQUENCE: 10
138 ctagacagta cctctctgcc a
139 <210> SEQ ID NO 11
140 <211> LENGTH: 26
141 <212> TYPE: DNA

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145	<210> SEQ ID NO 12	
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148	<213> ORGANISM: Magnaporthe grisea	
149	<400> SEQUENCE: 12	
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151	<210> SEQ ID NO 13	
152	<211> LENGTH: 30	
153	<212> TYPE: DNA	
154	<213> ORGANISM: Magnaporthe grisea	
155	<400> SEQUENCE: 13	
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157	<210> SEQ ID NO 14	
158	<211> LENGTH: 30	
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160	<213> ORGANISM: Magnaporthe grisea	
161	<400> SEQUENCE: 14	
162	ggtacttatt agtccatttc tagtacgttg	30

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text
